

# MMi Dashboard

#### **Iron Ore Price Indices**





755

19 2.58%

May 23rd, 2019

Iron Ore Port Stock (FOT Qingdao) IOPI65 65% Fe Fines RMB/t



864

2.01% **17** 

May 23rd, 2019

Iron Port Stock (FOT Qingdao) IOPI58 58% Fe Fines RMB/t



644

3 0.47%

May 23rd, 2019

Iron Ore Seaborne (CFR Qingdao) IOSI62 62% Fe Fines USD/dmt



103.30

-0.90 -0.86%

May 23rd, 2019

Iron Ore Seaborne (CFR Qingdao) IOSI65 65% Fe Fines USD/dmt



120.25

-1.25 -1.03%

May 23rd, 2019

Iron Ore Port Stock (FOT Qingdao) IOPLI 62.5% Fe Lump RMB/t



906

5 0.55%

Week Ending May 17th, 2019

#### **Exchange Traded Contracts**

DCE Iron Ore 62% Fines 11909 (Sept) RMB/t



**728.50** 

0.50 0.07%

May 23rd, 2019

(3pm close)

SGX Iron Ore (CFR Qingdao) 62% Fe Fines June'19 USD/dmt



100.34

-0.52 -0.52%

(6pm Print)

May 23rd, 2019

**SHFE Rebar** RB1910 (Oct) RMB/t



-29.00 -0.74%

May 23rd, 2019

(3pm close)

# **Freight Rates**

C3, Tubarao - Qingdao USD/t



May 22nd, 2019

16.71

-0.01 -0.08%

C5, W. Australia - Qingdao USD/t



6.84

0.19 2.87%

May 22nd, 2019

**Steel Price** 

Steel Rebar (China Domestic) RMB/t



**4070** 

-0.73%

Week Ending May 17th, 2019

# **Inventory Levels**

Iron Ore Inventory at Chinese Ports (35) million tonnes



**123.67** 

-0.83 -0.67%

Week Ending May 17th, 2019

Steel Inventory in China

million tonnes



**13.17** 

-0.35 -2.60%

Week Ending May 17th, 2019

**Steel Price** 

Steel HRC (China Domestic) RMB/t

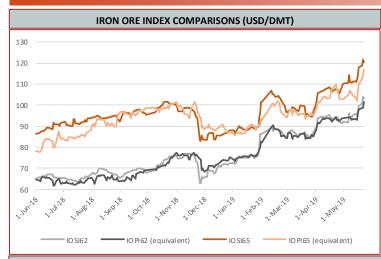


4030

-0.49%

Week Ending May 17th, 2019

MMi D	aily Iro	n Or	e Inde	Report											May 2	3rd, 201	.9
							IRON OR	RE PORT S	TOCK INDEX	(IOP	PI)						
May 23rd,	, 2019			FOT C	Qingdao (	inc. 13% VAT	), RMB/wet	tonne			CFR	Qingdad	Equivale	ent (exc. 139	% VAT), USD,	dry tonne	1
Index	Fe Cont	tent	Price	Change	Change	% MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>	Pr	rice Cl	hange	Change %	6 MTD	YTD	Low <sup>2</sup>	High <sup>2</sup>
IOPI62	62% Fe F	Fines	755	19	2.6%	707	646	453	755	101	1.36	2.65	2.7%	95.59	86.66	61.66	101.36
IOPI58	58% Fe F	Fines	644	3	0.5%	622	559	317	644	86	5.83	0.43	0.5%	84.62	74.63	41.71	86.83
IOPI65	65% Fe F	Fines	864	17	2.0%	793	727	559	864	116	6.55	2.36	2.1%	107.71	98.10	77.70	116.55
			IR	ON ORE SEA	ABORNE	INDEX (IOS	I)						MARI	KET COMM	ENTARY		
May 23rd,	, 2019				CFR Q	ingdao, USD/	dry tonne								ositive on the iron		
Index	Fe Cont	tent	Price	Change	Change	% MTD	YTD	Low <sup>3</sup>	High <sup>3</sup>	today	were up. On th	ne other hand	l, there are st	ill some mills who	were cautious as	iron ore prices k	eep moving
IOSI62	62% Fe F	Fines	103.30	-0.90	-0.86%	6 96.65	87.30	62.95	104.20						still to be moving h rates given its bett		
IOSI65	65% Fe F	Fines	120.25	-1.25	-1.03%	6 113.77	101.18	83.20	121.50								
							IRON OR	E PORT LU	JMP INDEX	(IOPL	LI)						
Week Endi 2019	ng May 17ti	h,		FOT C	(ingdao	inc. 16% VAT	), RMB/wet	tonne			CFR	Qingdao	Equivale	nt (exc. 16%	% VAT), USD,	dry tonne	4
Index	Fe Cont	tent	Price	W-o-W	Change	% MTD	YTD	Low <sup>3</sup>	High <sup>3</sup>	Pr	rice V	V-oW	Change %	6 MTD	YTD	Low <sup>3</sup>	High <sup>3</sup>
IOPLI62	62.5% Fe	Lump	906	5	0.6%	899	849	575	906	115	5.09 -	0.77	-0.66%	115.34	109.30	76.66	115.86
IRON ORE DOMESTIC CONCENTRATE SPOT PRICE ASSESSMENTS AND COMPOSITE INDEX																	
Week End	ing May 1	7th, 20	19				RMB/to	nne (exclu	ding tax) <sup>4</sup>					USD/tonne	e (excluding t	ax) <sup>4</sup>	
Province	Re	gion	Product		Basis	This week	Change	e %	Low <sup>2</sup>	H	ligh <sup>2</sup>	This w	veek	Change %	Low	/ <sup>2</sup>	High <sup>2</sup>
Hebei	На	nxing	66% Fe	Concentrate	Dry	845	0.7%	6	592		845	123	.35	-0.65%	91.9	97	124.15
Hebei	Qia	an'an	65% Fe	Concentrate	Dry	795	0.0%	6	635		815	116	.05	-1.35%	100.	26	117.64
Liaoning	An	ıshan	65% Fe	Concentrate	Wet	605	0.0%	6	450		745	88.	32	-1.35%	68.2	21	89.53
Shandong	Zib	00	65% Fe	Concentrate	Dry	835	1.8%	6	655		860	121	.89	0.45%	99.7	75	127.11
Week Ending May 17th, 2019  This week Change % Low 2 High 2 1 Exchange rate applied: RMB/USD = 6.8994 2 Last 12 months 3 Since June 1 4 Weekly exchange rate applied: RMB/USD 6.8503																	
China Mines Concentrate Composite Index RMB/WT 690.77 0.9% 535.58 686.95  IRON ORE PORT INDEX, FOT QINGDAO (RMB/WT)  IRON ORE SEABORNE INDEX, CFR QINGDAO (USD/DMT)																	
		RON C	JKE POKI	INDEX, FO	I QINGL	DAO (KIVIB/	VI)			IK	ON ORE S	SEABOR	NE INDE	x, CFR QIN	GDAO (USL	урмі)	
850 -									135								
750 -			~~	~~	_	M	^	ركد	115 ——								مكسر
650 -	A-6	~	~ ·		m	~~/~`	~~~	رب	105 ——— 95 ———			~~	~~	`	۲~	~~\	~
550	~~				سما	~~			85	~~		•		h~~	~~	~~~	
450	~~~	~~~	-		_				75 —					\~~	سلس		
350		-	Mary						55 —								
250 -	95	95	95 9	. 95	h .6-	.0 0	9 9	0	45	~°	,9 \	9 49	- ♦	, o	. 29	9 9	~°
23,4134129	23/11/19	13. A.	18:18 2358P.18	230t.28 23Mou.2	23:Dec.18	3181129 23488129	Wat. 13 33 VOL. 18	3-May.19	Shuring Shu	5.8	Jule 18 Siseph	5 SOUTH	5.NOV.18	Dec.18 S.180.19	Step19 SiNat	S. ADT. S.	Nati
v		.,	IO PI		) PI 58 =	IO PI 65	r v	<i>*</i>				_	<b>—</b> 10 S162		SI65		
							/ INIDEV 844	ONTHIN 6	NIA DTERIV	AND	VEAD TO	DATE 4					
84 22-d	2010	ı				PORT STOCI			QUARTERLY	AND					0/ 1/47) 1150	/.l	
May 23rd, Index	Fe Con	tent	January	February	Qingdao March	(inc. 13% VAT	), RIVIB/WET	QTD	YTD	lan		k Qingda bruary	March	April	% VAT), USD, MTD	QTD	YTD
IOPI62	62% Fe		580	654	639	675	707	688	646		•	76.16	87.09	85.37	95.59	93.84	86.66
IOPI58	58% Fe		448	569	583	600	622	609	559			57.99	75.22	77.49	84.62	83.12	74.63
IOPI65	65% Fe		670	733	714	753	793	769	727			88.65	98.08	95.78	107.71	105.43	98.10
IRO	N ORE SE	ABOR	NE INDE	X MONTHLY	, QUAR	TERLY AND	YEAR-TO-D	ATE AVER	AGES				F	REIGHT RA	TES		
May 23rd,	2019				CFR C	(ingdao, USD/	dry tonne			May 2	22nd, 2019			FREIGHT F	RATES - DRY BUI	LK US\$/wet to	nne
Index	Fe Con	tent	January	February	March		MTD	QTD	YTD	Route		Designa	ition	Change	Change %	Low <sup>2</sup>	High <sup>2</sup>
IOSI62	62% Fe		76.09	87.39	86.18	•	96.65	94.77	87.30	W. Aus	stralia - Qingda	ao C5	6.84	_	2.87%	4.39	10.00
IOSI65	65% Fe	Fines	89.92	102.56	97.22	106.75	113.77	109.67	101.18	Tubara	ao - Qingdao	СЗ	16.7	1 -0.01	-0.08%	11.61	24.76
				IRO	ON ORE	PORT LUMP	INDEX MO	ONTHLY, Q	UARTERLY	AND	YEAR-TO	DATE A	VERAGE	S			
Week Endir 2019	ng May 17th	h,		FOT	Qingdao	(inc. 16% VA	T), RMB/wet	tonne			CFF	R Qingda	Equivale	ent (exc. 16	% VAT), USD	/dry tonne	1
Index	Fe Con	itent	January	February	Marcl	h April	MTD	QTD	YTD	Jan	nuary Fe	bruary	March	April	MTD	QTD	YTD
IOPLI62	62.5% Fe	Lump	782	842	858	872	899	884	849	96	6.21	94.22	99.57	111.03	115.34	113.98	109.33
							IRON ORE I	INDEX PRE	MIUMS/DI	scou	JNTS						
May 23rd,	2019				PORT S	FOCK INDEX (R			May 23rd, 20					SEABOI	RNE INDEX (US	SD/DMT)	
Index		Fe Cor	ntent	Spread	to IOPI62	-	% Spread to I	OPI62	Index		Fe Con	tent	Spre	ead to IOSI62	-	% Spread to	IOSI62
IOPI58		58% Fe			111		-14.70%		les:-		C=0:-	-		46.55			
IOPI65		65% Fe	Fines	1	.09		14.44%	)	IOSI65		65% Fe	Fines		16.95		16.419	%

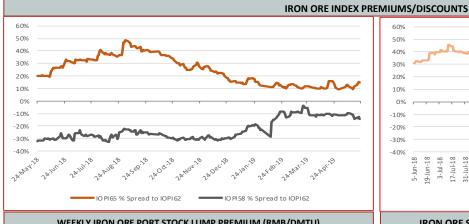




	IRON ORE BRAND SPOT PRICE ASSESMENTS										
May 23rd, 2019	PORT	STOCK INDEX (R	MB/WT)	May 23rd, 2019	SEABO	DRNE INDEX (US	D/DMT)				
	Price	Change	Diff to IOPI62		Price	Change	Diff to IOSI62				
Roy Hill	731	20	-24	Roy Hill	100.30	-0.90	-3.00				
SIMEC Fines	732	24	-23	SIMEC Fines	98.72	-0.90	-4.58				
PB Fines	737	19	-18	PB Fines	102.77	-0.90	-0.53				
Newman Fines	763	19	8	Newman Fines	105.30	-0.91	2.00				
MAC Fines	739	22	-16	MAC Fines	99.87	-0.90	-3.43				
Jimblebar Blended Fines	713	19	-42	Jimblebar Blended Fines	97.35	-0.90	-5.95				
Carajas Fines	875	18	120	Carajas Fines	119.40	-1.61	16.10				
Brazilian SSF	802	22	47	Brazilian SSF	108.30	-1.21	5.00				
Brazilian Blend Fines	788	19	33	Brazilian Blend Fines	107.42	-1.09	4.12				
RTX Fines	714	20	-41	RTX Fines	97.65	-0.90	-5.65				

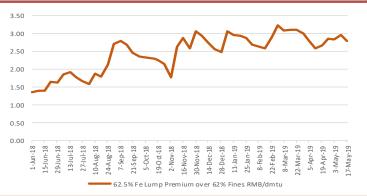
May 23rd, 2019	PORT STOCK INDEX (RMB/WT)					
	Price	Change	Diff to IOPI58			
SSF	609	2	-35			
FMG Blended Fines	646	2	2			
Robe River	603	2	-41			
Western Fines	636	2	-8			
Atlas Fines	620	2	-24			
Yandi	656	3	12			

				IRON ORE IN	IDEX NORMA	LISATION DIFFER	ENTIALS				
Por	t Stock Index	Product Differ	entials (RI	MB/wet tonne		Sea	aborne Inde	x Product Di	fferentials (	USD/dry tonne	:)
	Ар	plicable range		Value	Change		А	pplicable ran	ge	Value	Change
	High Grade	e Fe 60 - 63%		9.00	-1.00		High Grad	de Fe 60 - 63	%	2.25	0.00
	High Grade	e Fe 63 - 64%		20.00	0.00		High Grad	de Fe 63 - 64	%	3.25	-0.25
l% Fe	High Grade	e Fe 64 - 65%		20.00	0.00	1% Fe	High Grad	de Fe 64 - 65	%	3.25	-0.25
	High Grade	e Fe 65 - 65.5%		20.00	0.00		High Grad	de Fe 65 - 65	.5%	3.25	-0.25
	Low Grade	Fe		13.00	0.00						
	High Fe Gra	ade Al <2.25%		42.00	0.00		High Fe G	rade Al <2.2	5%	4.00	-0.25
1% Alumina	High Fe Gra	ade Al 2.25-4%		0.00	0.00	10/ 11	High Fe G	rade Al 2.25	-4%	1.50	0.00
	Low Fe Gra	de Al <2.25%		48.00	0.00	1% Alumina					
	Low Fe Gra	de Al 2.25-4%		25.00	2.00						
	High Fe Gra	ade Si <4%		10.00	0.00		High Fe G	rade Si <4%		1.75	0.00
L% Silica	High Fe Gra	ade Si 4-6.5%		9.00	-1.00	1% Silica	High Fe G	rade Si 4 - 6	.5%	0.00	0.00
	Low Fe Gra	de		1.00	0.00						
2.040/	High Fe Gra	ade 0.09% <p<0< td=""><td>.115%</td><td>6.00</td><td>0.00</td><td>0.01%</td><td>High Fe G</td><td>rade 0.09%&lt;</td><td>P&lt;0.115%</td><td>0.25</td><td>0.00</td></p<0<>	.115%	6.00	0.00	0.01%	High Fe G	rade 0.09%<	P<0.115%	0.25	0.00
0.01%	High Fe Gra	ade 0.115% <p<< td=""><td>0.15%</td><td>8.00</td><td>0.00</td><td>Phosphorus</td><td>High Fe G</td><td>rade 0.115%</td><td><p<0.15%< td=""><td>0.75</td><td>0.00</td></p<0.15%<></td></p<<>	0.15%	8.00	0.00	Phosphorus	High Fe G	rade 0.115%	<p<0.15%< td=""><td>0.75</td><td>0.00</td></p<0.15%<>	0.75	0.00
Phosphorus	Low Fe Gra	de 0.09 <p<0.19< td=""><td>%</td><td>10.00</td><td>0.00</td><td></td><td></td><td></td><td></td><td></td><td></td></p<0.19<>	%	10.00	0.00						
			Port S	tock Price Differe	ntials to Qingd	ao Port for PB Fine	s (RMB/wet t	onne)			
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change
Bayuquan	-35.00	0.00	Fangchen	g -5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00
Beilun	5.00	0.00	Jiangyin	-30.00	0.00	Lianyungang	-5.00	0.00	Rizhao	0.00	0.00
Caofeidian	0.00	0.00	Jingtang	0.00	0.00	Majishan	0.00	0.00	Shekou	0.00	0.00
Dalian	-35.00	0.00	Lanqiao	0.00	0.00	Nantong	-30.00	0.00	Tianjin	-15.00	5.00

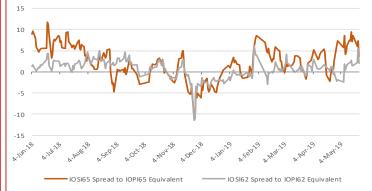




### WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (RMB/DMTU)







### TOTAL IRON ORE INVENTORIES AT CHINA PORTS (MILLION TONNES)



_			
	FUTURE TRADING—FRONT MONTH CLOSING PRICE		
	750	120	
	700	110	
	\\	100	_
	800 MWS 550	90	USD/DMI
	£ 550	80	OSD
	500		
	450	70	
	400	60	
	Zenerità Linnia Linnia Laneria Laceria Cottia Norta Laceria Linnia Lateria Laneria Laneria		
	—— Dalian 3pm Close —— SGX Front Month 6pm (RHS)		

# IRON ORE PORT INVENTORIES (MILLION TONNES)

Week Ending May	17th, 2019			
Province	This week	Change %	Low <sup>2</sup>	High <sup>2</sup>
Jingtang	14.44	-3.41%	13.29	18.10
Qingdao	15.95	-0.68%	15.94	19.50
Caofeidian	17.65	1.38%	16.30	21.10
Tianjin	7.56	-1.56%	7.39	10.48
Rizhao	14.16	-4.00%	14.00	19.00
Total (35 Ports)	123.67	-0.67%	123.67	147.56

		D	CE (RMB/WN	IT)	% 100.34 -0.52 14.22 -3.48 % 126.32 -2.67 % 99.93 -1.21	T)	
	Closing Date	Ma	y 23rd 3pm c	lose	23	rd May Feb 6	pm
	Contract	11909	Change	Change %	Jun'19	Change	Change %
	Closing Price	728.50	0.5	0.07%	100.34	-0.52	-0.52%
	Vol traded ('000 lots)	225.00	-94.9	-29.67%	14.22	-3.48	-19.68%
	Open positions ('000 lots)	170.22	-0.6	-0.36%	126.32	-2.67	-2.07%
	Day Low	723.5	14.5	2.05%	99.93	-1.21	-1.20%
5	Day High	735.0	2.0	0.27%	101.16	2.39	2.42%

**IRON ORE FUTURES CONTRACTS** 

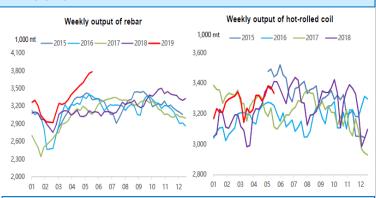
# DRY BULK FREIGHT RATES (USD/MT)





# STEEL SPOT MARKET PRICES—CHINA

Steel Spot Market RMB/tonne			
Product	17/5/2019	Change	Change %
ReBar HRB400 ø18mm	4,070.0	-30	-0.73%
Wirerod Q300 ¢6.5mm	4,270.0	-30	-0.70%
HRC Q235/SS400 5.5mm*1500*C	4,030.0	-20	-0.49%
CRC SPCC/ST12 1.0mm*1250*2500	4,280.0	-30	-0.70%
Medium & Heavy Plate Q235B 20mm	4,080.0	-30	-0.73%
GI ST02Z 1.0mm*1000*C	4,620.0	-20	-0.43%
Colour Coated Plate	7,200.0	0	0.00%



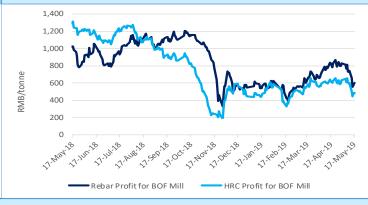
**CHINESE STEEL MILL PROFITABILITY** 

# CHINESE STEEL MILL PROFITABILITY

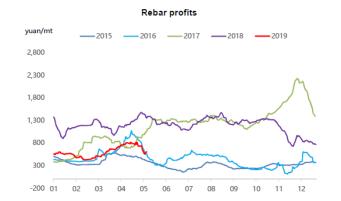
SMM Tracking of	SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)										
Category	Price	Change (WoW)	Note								
MMi (Fe 62%), USD/mt exluding tax	97.20	3.00	Mmi CFR Equivalent index for 1st Feb								
Coke	2,110	100	2nd grade met coke, Tangshan, incl. tax								
Steel Scrap	2,210	-40	steel scrap (6mm) in Zhangjiagang, exl. tax								
Billet Cost	3,221	100	Q234, incl. tax								
Rebar cost - Blast furnace	3,468	100	calculated based on theoretical weight, incl. tax								
Rebar profit - Blast furnace	602	-140	based on Shanghai prices, incl. tax								
Hot-rolled coil cost - Blast furnace	3,546	100	based on actual weight, incl. tax								
Hot-rolled coil proft - Blast furnace	484	-120	based on Shanghai prices, incl. tax								

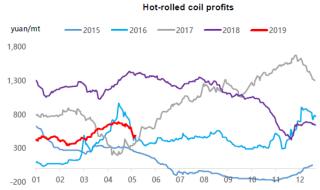
Note: 1 Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

2. The cost refers to average cost in the industry based on SMM's survey of small, medium and large mills in China

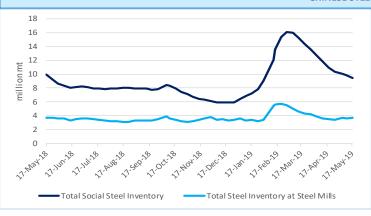


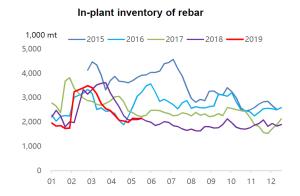
#### **CHINESE STEEL MILL PROFITABILITY**





#### CHINESE STEEL INVENTORIES





	IRON ORE INDEX SPECIFICATIONS, COMPILATION RATIONALE AND DATA EXCLUSIONS												
	Iron Ore	Index Specifications	(Port and Seaborne		Iron Ore Inde	ex Compilation F	Rationale and Da	ata Exclusions					
	65% Fe Fines	62% Fe Fines	58% Fe Fines	62.5% Fe Lump	MMi iron ore indice	s are compiled from	data provided by co	mpanies that are					
Fe %	65.00	62.00	58.00	62.50	part of the iron ore supply chain and involved in spot market transactions. The indices are calculated using detailed transaction-level data submitted to MMi by								
Alumina %	1.40	2.25	2.25	1.50	these companies. This data is normalised to the appropriate specifications and								
Silica%	1.50	4.00	5.50	3.50	screened to remove outliers before volume-weighted average prices are calculated from the remaining core set of data.								
Phosphorus %	0.06	0.09	0.05	0.08	For more details on MMi's iron ore methodology please download the guide								
Sulphur %	0.01	0.02	0.02	0.02	published on our website at: www.mmiprices.com								
Moisture %	8.00	8.00	9.00	4.00									
	Granular cizo he	elow 10mm for at lea	ct 90% of cargo:	Size below 6.3mm max 15%			clusions*						
Sizing			0 /		Port Index	62%	58%	65%					
	maximu	ım of 40% below 150	micron	Size above 31.15mm max 25%	Seaborne index	x 0 0 0							
Pricing Point	Qingdao Port (FOT and CFR respectively)			FOT Qingdao Port	Lump Index 62.5	0							
Timing (Seaborne)	Loading withi	n 4 weeks, Delivery v	vithin 8 weeks	Delivery within 2 weeks		* Number of price submissions for iron ore indices that were excluded from							
Payment Terms		L/C at sight		L/C at sight or CAD	index calculations t	oday as tney were ar	nomalous and could r	not be verified					

#### IRON ORE DOMESTIC CONCENTRATE INDEX CALCULATION METHODOLOGY

The compilation method for price index generally refers to the compilation method of CPI price index and other price indices, breakdown the price data and calculate the average value according to a certain method, taking the vertical axis as the regional composite index (average of different grade index) and the horizontal axis as the grade composite index (average of different regional index), a total composite index for domestic ore can be output ultimately. The process system is also adopted in the calculation i.e. each sub-index can be obtained as well.

		AVER	AGE IRON	ORE SPECIF	ICATIONS A	PPLIED FOR BRAND PRICE A	SSESSMEN	TS				
	PORT	STOCK BRAN	IDS			SEAB	ORNE BRAN	DS				
May 23rd, 2019	Specifi	cations appli	ed for 62%	brand asses	sments		Specifi	Specifications applied for 62% brand assessments				
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture	
Roy Hill	61.16%	2.25%	4.61%	0.052%	9.35%	Roy Hill	60.70%	2.30%	4.90%	0.055%	8.00%	
SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%	SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%	
PB Fines	61.55%	2.35%	3.79%	0.100%	9.28%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%	
Newman Fines	62.55%	2.28%	4.07%	0.093%	7.33%	Newman Fines	62.80%	2.20%	4.30%	0.080%	6.40%	
MAC Fines	60.83%	2.24%	4.89%	0.084%	7.74%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%	
Jimblebar Blended Fines	60.89%	3.01%	4.47%	0.111%	7.36%	Jimblebar Blended Fines	61.79%	2.67%	4.08%	0.115%	7.16%	
Carajas Fines	65.44%	1.30%	1.43%	0.084%	8.33%	Carajas Fines	65.10%	1.50%	1.70%	0.080%	8.50%	
Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%	Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%	
Brazilian Blend Fines	62.82%	1.40%	4.79%	0.072%	8.37%	Brazilian Blend Fines	62.50%	1.50%	5.00%	0.070%	7.00%	
RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%	RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%	
May 23rd, 2019	Specifi	cations appli	ed for 58%	brand asses	sments							
	Fe	Alumina	Silica	Phos	Moisture							
SSF	56.76%	3.05%	6.08%	0.053%	8.78%							
FMG Blended Fines	58.18%	2.68%	5.54%	0.062%	7.51%							
Robe River	56.28%	2.91%	5.58%	0.035%	9.29%							
Western Fines	57.88%	2.87%	7.50%	0.062%	7.45%							
Atlas Fines	56.59%	2.55%	7.14%	0.080%	8.46%							
Yandi	57.13%	1.80%	6.42%	0.047%	8.59%							

		BLOOMBE	RG TICKERS
	PORT STOCK II	NDICES	
	FOT Qingdao (RMB/wet tonne)	CFR Qingdao Equivalent (USD/dry tonne)	
IOPI62	IRCNQ001	IRCNQ004	
IOPI58	IRCNQ002	IRCNQ005	
IOPI65	IRCNQ003	IRCNQ006	

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